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## Annual status report of the greenhouse gas inventory of Belgium

1. This status report was prepared by the expert review team in accordance with decision 22/CMP.1 as part of the initial check of the greenhouse gas inventory submitted. It reflects the content of the inventory of 2008 as submitted by the Party.
2. In this report, the following abbreviations are used:

CRF: common reporting format

LULUCF: land use, land-use change and forestry

KP-LULUCF CRF: tables for reporting activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol

NIR: national inventory report

SBDT: sectoral background data tables

*Notation keys*

C: confidential

IE: included elsewhere

NA: not applicable

NE: not estimated

NO: not occurring

*Greenhouse gases*

CO<sub>2</sub>: carbon dioxide

CH<sub>4</sub>: methane

N<sub>2</sub>O: nitrous oxide

HFCs: hydrofluorocarbons

PFCs: perfluorocarbons

SF<sub>6</sub>: sulphur hexafluoride

NO<sub>x</sub>: nitrogen oxides

CO: carbon monoxide

NMVOCs: non-methane volatile organic compounds

SO<sub>2</sub>: sulphur dioxide

INTRODUCTION												
General information	Date of receipt		Date of resubmission			Comments						
	CRF <sup>a</sup>	15 April 2008										
	NIR	15 April 2008										
	Additional information <sup>b</sup>											
	KP-LULUCF CRF <sup>c</sup>											
	KP-LULUCF information <sup>d</sup>											
	CRF provided for years	CRF	1990–2006			KP-LULUCF						
	Base year or period	1990			Base year for HFCs, PFCs and SF <sub>6</sub> <sup>e</sup>			1995				
	Gases covered	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	HFCs	PFCs	SF <sub>6</sub>	NO <sub>x</sub>	CO	NMVOCs	SO <sub>2</sub>	
		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
National inventory report	Description	The organization of the NIR, in general, follows the structure as outlined in the revised UNFCCC reporting guidelines (decision 18/CP.8). However, the executive summary has not been provided, and some of the recommended annexes such as “CO <sub>2</sub> reference approach and comparison with sectoral approach” and “Assessment of completeness” are not provided.										
	Language of NIR	English										
Common reporting format	Missing source category larger than 7 per cent for Annex A sources	No missing source category larger than 7 per cent has been identified.										

<sup>a</sup> CRF refers to the common reporting format tables included in document FCCC/SBSTA/2006/9.

<sup>b</sup> Additional information can be any information submitted by a Party in conjunction with the national inventory report (NIR) or CRF tables.

<sup>c</sup> Parties to the Kyoto Protocol are required to report anthropogenic greenhouse gas emissions by sources and removals by sinks from land use, land-use change and forestry activities under Article 3, paragraph 3, and, if any, elected activities under Article 3, paragraph 4, using the agreed common reporting format tables (decision 6/CMP.3). The reporting of KP-LULUCF CRF tables is voluntary until the 2010 submission.

<sup>d</sup> Parties to the Kyoto Protocol are required to include in their annual greenhouse gas inventories information on anthropogenic greenhouse gas emissions by sources and removals by sinks from land use, land-use change and forestry activities under Article 3, paragraph 3, and, if any, elected activities under Article 3, paragraph 4, in accordance with paragraphs 5–9 in the annex to decision 15/CMP.1. The reporting of this information is voluntary until the 2010 submission.

<sup>e</sup> A Party can choose 1990 or 1995 as its base year for the fluorinated gases in accordance with Article 3, paragraph 8, of the Kyoto Protocol.

PART I																
Provision of information for the latest reported inventory year in the CRF: 2006																
Tables		Energy		Industrial processes		Solvent use		Agriculture		Land use, land-use change and forestry		Land use, land-use change and forestry (KP) <sup>a</sup>		Waste		
	Sectoral report tables	1	✓	2(I)	✓	3	✓	4	✓	5	✓	5(KP).		6	✓	
				2(II)	✓											
	Sectoral background data tables	1.A(a)	✓	2(I).A-G		✓	3.A-D		4.A	✓	5.A	✓	5(KP-I)A.1.1		6.A	✓
		1.A(b)	✓	2(II).C		✓			4.B(a)	✓	5.B	✓	5(KP-I)A.1.2		6.B	✓
		1.A(c)	✓	2(II).E		✓			4.B(b)	✓	5.C	✓	5(KP-I)A.1.3		6.C	✓
		1.A(d)	✓	2(II).F		✓			4.C	✓	5.D		5(KP-I)A.2			
		1.B.1	✓						4.D	✓	5.E	✓	5(KP-I)A.2.1			
		1.B.2	✓						4.E	✓	5.F	✓	5(KP-I)B.1			
		1.C	✓						4.F	✓	5 (I)	✓	5(KP-I)B.2			
		Bunkers separately			✓						5 (II)	✓	5(KP-I)B.3			
											5 (III)	✓	5(KP-I)B.4			
											5 (IV)	✓	5(KP-II)1			
										5 (V)	✓	5(KP-II)2				
												5(KP-II)3				
											5(KP-II)4					
											5(KP-II)5					
											Accounting table					
Summary tables (emission totals)	Summary 1.A			✓	Summary 1.B			✓	Summary 2			✓				
Other tables	Summary 3			✓	Table 7 (Key categories)				Table 9(a) (Completeness)							
	Table 10 (Trends)			✓					Table 9(b) (Completeness)							
Comments																
Totals	Provided for gases	CO <sub>2</sub> ✓		CH <sub>4</sub> ✓		N <sub>2</sub> O ✓		HFCs ✓		PFCs ✓		SF <sub>6</sub> ✓				
	Provided for years	1990–2006		1990–2006		1990–2006		1990–2006		1990–2006		1990–2006				
CO <sub>2</sub>	Comparison of CO <sub>2</sub> from fuel combustion	Reference approach		Sectoral approach		Difference more than 2 per cent		If difference is more than 2 per cent								
		✓		✓				Explanation provided								
HFCs, PFCs, SF <sub>6</sub>	Disaggregation by species			HFCs		PFCs		SF <sub>6</sub>								
				✓		✓										
	Reporting of actual and/or potential emission estimates in the consumption of halocarbons and SF <sub>6</sub>			Actual	Potential	Actual	Potential	Actual	Potential							
			✓	✓			✓	✓								
Notation keys	Used in	Summary table 1.A		✓	Sectoral report tables		✓	Sectoral background data tables		✓						
	Comments															

<sup>a</sup> The reporting of KP-LULUCF CRF tables is voluntary until the 2010 submission.

PART II																							
Provision of CRF tables for years reported																							
		Years																Information gaps relating to reporting <sup>b</sup>	Comments				
		Base year <sup>a</sup>	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004			2005	2006		
Energy	Sectoral report: Table 1		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	SBDT	Table 1.A(a)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 1.A(b)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 1.A(c)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 1.A(d)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 1.B.1		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 1.B.2		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 1.C		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Industrial processes	Sectoral reports:	Table 2(I)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 2(II)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	SBDT	Table 2(I).A–G		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 2(II).C		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No data are reported in this table, but for year 1990 notation keys NO, NA are used, for years 1991–1994 notation keys NO, NE are used and for years 1995–2006 notation keys NO, NE, NA are used.	
		Table 2(II).E		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Table 2(II).F		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	For years 1990–1994 and 2005–2006, no data are reported in this table, but for years 1990–1994 notation key NE is used and for years 2005–2006 notation keys NE, NA are used.	
Solvent use	Sectoral report: Table 3		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	SBDT	Table 3.A–D								✓	✓	✓	✓		✓					✓			







PART III Provision of information relating to recalculations						
Table 8(a) (Recalculated data)	✓	Comments				
Recalculation for years	1990–2005					
Recalculated sectors/gases	Energy	Industrial processes	Solvent use	Agriculture	Land use, land-use change and forestry	Waste
CO <sub>2</sub>	✓	✓	✓		✓	✓
CH <sub>4</sub>	✓	✓		✓	✓	✓
N <sub>2</sub> O	✓	✓	✓	✓	✓	✓
HFCs		✓				
PFCs		✓				
SF <sub>6</sub>		✓				
Table 8(b) (Explanatory information)						
Full CRF for the recalculated base year	✓	Percentage difference in aggregate greenhouse gas base year estimate			with LULUCF	-0.86 %
				without LULUCF	-0.85 %	

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